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| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: April 2, 2004 (use as many sheets as necessary) | | | | Complete If Known | |
| Application Number | | To be Determined | | | |
| Filing Date | | 4/2/04 | | | |
| First Named Inventor | | Neason | | | |
| Group Art Unit | | To be Determined | | | |
| Examiner Name | | To be Determined | | | |
| Attorney Docket Number | | 066243-0236 (141210) | | | |

Sheet 1 of 9

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| EW | A-1 | 6,569,160 | | Goldin et al. | 05-27-2003 | |
| | A-2 | 6,565,511 | | Panescu et al. | 05-20-2003 | |
| | A-3 | 6,558,333 | | Gilboa et al. | 05-06-2003 | |
| | A-4 | 6,546,270 | | Golden et al. | 04-08-2003 | |
| | A-5 | 6,528,991 | | Ashe | 03-04-2003 | |
| | A-6 | 6,522,913 | | Swanson et al. | 02-18-2003 | |
| | A-7 | 6,516,807 | | Panescu et al. | 02-11-2003 | |
| | A-8 | 6,498,944 | | Ben-Haim et al. | 12-24-2002 | |
| | A-9 | 6,498,477 | | Govari et al. | 12-24-2002 | |
| | A-10 | 6,496,712 | | Dahl et al. | 12-17-2002 | |
| | A-11 | 6,490,475 | | Seeley et al. | 12-03-2002 | |
| | A-12 | 6,490,474 | | Willis et al. | 12-03-2002 | |
| | A-13 | 6,490,468 | | Panescu et al. | 12-03-2002 | |
| | A-14 | 6,489,961 | | Baxter, III et al. | 12-03-2002 | |
| | A-15 | 6,487,441 | | Swanson et al. | 11-26-2002 | |
| | A-16 | 6,484,118 | | Govari | 11-19-2002 | |
| | A-17 | 6,484,049 | | Seeley et al. | 11-19-2002 | |
| | A-18 | 6,458,123 | | Brucker et al. | 10-01-2002 | |
| | A-19 | 6,456,867 | | Reisfeld | 09-24-2002 | |
| | A-20 | 6,453,190 | | Acker et al. | 09-17-2002 | |
| | A-21 | 6,447,504 | | Ben-Haim et al. | 09-10-2002 | |
| | A-22 | 6,445,943 | | Ferre et al. | 09-03-2002 | |
| | A-23 | 6,427,314 | | Acker | 08-06-2002 | |
| | A-24 | 6,400,981 | | Govari | 06-04-2002 | |
| | A-25 | 6,385,476 | | Osadchy et al. | 05-07-2002 | |
| | A-26 | 6,380,732 | | Gilboa | 04-30-2002 | |
| | A-27 | 6,379,302 | | Kessman et al. | 04-30-2002 | |
| | A-28 | 6,373,240 | | Govari | 04-16-2002 | |
| | A-29 | 6,370,411 | | Osadchy et al. | 04-09-2002 | |
| | A-30 | 6,368,285 | | Osadchy et al. | 04-09-2002 | |
| | A-31 | 6,366,799 | | Acker | 04-02-2002 | |
| | A-32 | 6,341,231 | | Ferre et al. | 01-22-2002 | |
| | A-33 | 6,335,617 | | Osadchy et al. | 01-01-2002 | |
| | A-34 | 6,332,089 | | Acker et al. | 12-18-2001 | |
| | A-35 | 6,314,310 | | Ben-Haim et al. | 11-06-2001 | |
| | A-36 | 6,301,496 | | Reisfeld | 10-09-2001 | |
| | A-37 | 6,285,898 | | Ben-Haim | 09-04-2001 | |
| | A-38 | 6,266,551 | | Osadchy et al. | 07-24-2001 | |
| | A-39 | 6,256,540 | | Panescu et al. | 07-03-2001 | |
| | A-40 | 6,248,075 | | McGee et al. | 06-19-2001 | |
| | A-41 | 6,246,898 | | Vesely et al. | 06-12-2001 | |
| | A-42 | 6,246,231 | | Ashe | 06-12-2001 | |

Examiner Signature

Edward C. Cate

Date Considered

9/28/06

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|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| 40 | A-43 | 6,240,307 | | Beatty et al. | 05-29-2001 | |
| | A-44 | 6,226,543 | | Gilboa et al. | 05-01-2001 | |
| | A-45 | 6,226,542 | | Reisfeld | 05-01-2001 | |
| | A-46 | 6,223,066 | | Govari | 04-24-2001 | |
| | A-47 | 6,216,027 | | Willis et al. | 04-10-2001 | |
| | A-48 | 6,211,666 | | Acker | 04-03-2001 | |
| | A-49 | 6,198,963 | | Haim et al. | 03-06-2001 | |
| | A-50 | 6,188,924 | | Swanson et al. | 02-13-2001 | |
| | A-51 | 6,188,355 | | Gilboa | 02-13-2001 | |
| | A-52 | 6,183,088 | | LoRe et al. | 02-06-2001 | |
| | A-53 | 6,175,756 | | Ferre et al. | 01-16-2001 | |
| | A-54 | 6,161,032 | | Acker | 12-12-2000 | |
| | A-55 | 6,147,480 | | Osadchy et al. | 11-14-2000 | |
| | A-56 | 6,066,094 | | Ben-Haim | 05-23-2000 | |
| | A-57 | 6,019,725 | | Vesely et al. | 02-01-2000 | |
| | A-58 | 6,016,439 | | Acker | 01-18-2000 | |
| | A-59 | 5,983,126 | | Wittkamp | 11-09-1999 | |
| | A-60 | 5,967,980 | | Ferre et al. | 10-19-1999 | |
| | A-61 | 5,953,683 | | Hansen et al. | 09-14-1999 | |
| | A-62 | 5,928,248 | | Acker | 07-27-1999 | |
| | A-63 | 5,916,163 | | Panescu et al. | 06-29-1999 | |
| | A-64 | 5,873,822 | | Ferre et al. | 02-23-1999 | |
| | A-65 | 5,868,673 | | Vesely | 02-09-1999 | |
| | A-66 | 5,840,025 | | Ben-Haim | 11-24-1998 | |
| | A-67 | 5,833,608 | | Acker | 11-10-1998 | |
| | A-68 | 5,830,144 | | Vesely | 11-03-1998 | |
| | A-69 | 5,829,444 | | Ferre et al. | 11-03-1998 | |
| | A-70 | 5,820,568 | | Willis | 10-13-1998 | |
| | A-71 | 5,817,022 | | Vesely | 10-06-1998 | |
| | A-72 | 5,813,991 | | Willis et al. | 09-29-1998 | |
| | A-73 | 5,803,089 | | Ferre et al. | 09-08-1998 | |
| | A-74 | 5,800,352 | | Ferre et al. | 09-01-1998 | |
| | A-75 | 5,797,849 | | Vesely et al. | 08-25-1998 | |
| | A-76 | 5,795,298 | | Vesely et al. | 08-18-1998 | |
| | A-77 | 5,779,638 | | Vesely et al. | 07-14-1998 | |
| | A-78 | 5,752,513 | | Acker et al. | 05-19-1998 | |
| | A-79 | 5,744,953 | | Hansen | 04-28-1998 | |
| | A-80 | 5,738,096 | | Ben-Haim | 04-14-1998 | |
| | A-81 | 5,729,129 | | Acker | 03-17-1998 | |
| | A-82 | 5,722,402 | | Swanson et al. | 03-03-1998 | |
| | A-83 | 5,718,241 | | Ben-Haim et al. | 02-17-1998 | |
| | A-84 | 5,718,241 | | Ben-Haim et al. | 02-17-1998 | |

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| | | | | Group Art Unit | To be Determined |
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| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| EW | A-85 | 5,713,946 | | Ben-Haim | 02-03-1998 | |
| | A-86 | 5,697,377 | | Wittkamp | 12-16-1997 | |
| | A-87 | 5,694,945 | | Ben-Haim | 12-09-1997 | |
| | A-88 | 5,676,673 | | Ferre et al. | 10-14-1997 | |
| | A-89 | 5,662,108 | | Budd et al. | 09-02-1997 | |
| | A-90 | 5,600,330 | | Blood | 02-04-1997 | |
| | A-91 | 5,568,809 | | Ben-Haim | 10-29-1996 | |
| | A-92 | 5,558,091 | | Acker et al. | 09-24-1996 | |
| | A-93 | 5,553,611 | | Budd et al. | 09-10-1996 | |
| | A-94 | 5,546,951 | | Ben-Haim | 08-20-1996 | |
| | A-95 | 5,515,853 | | Smith et al. | 05-14-1996 | |
| | A-96 | 5,480,422 | | Ben-Haim | 01-02-1996 | |
| | A-97 | 5,445,150 | | Durmoulin et al. | 08-29-1995 | |
| | A-98 | 5,443,489 | | Ben-Haim | 08-22-1995 | |
| | A-99 | 5,443,066 | | Durmoulin et al. | 08-22-1995 | |
| | A-100 | 5,391,199 | | Ben-Haim | 02-21-1995 | |
| | A-101 | 5,311,866 | | Kagan et al. | 05-17-1994 | |
| | A-102 | 5,297,549 | | Beatty et al. | 03-29-1994 | |
| | A-103 | 4,945,305 | | Blood | 07-31-1990 | |
| | A-104 | 4,849,692 | | Blood | 07-18-1989 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|--------------------------------------|--|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
| EW | A-105 | Cardiac catheterization system, Cardiac Cath Lab Systems, RMC-3100, RMC-3200, printed from website www.nihonkohden.com on 12/18/2003, (2 pgs.). | |
| | A-106 | DASH PRO, Variable-Acuity Monitoring, GE Medical Systems Information Technologies, 02-7446A, March 2002, (8 pgs.). | |
| | A-107 | ASTROM, M. et al., Least Squares VCG Loop Alignment, date unknown, (4 Pgs.). | |

| | | | |
|--------------------|---|-----------------|---------|
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| 60 | A-108 | ASTROM M. et al., <i>Vectorcardiographic Loop Alignment and the Measurement of Morphologic Beat-to-Beat Variability in Noisy Signals</i> , IEEE Transactions on Biomedical Engineering, Vol. 47, No. 4, April 2000, pages 497-506, (10 pgs.). | |
| | A-109 | ASTROM M., <i>Vectorcardiographic Loop Alignment in Ischemia Monitoring</i> , Licentiate in Engineering Thesis, April 2000, (75 pgs.). | |
| | A-110 | <i>GE Announces Alliance with Biosense Webster to Give Clinicians Access to Patients' Complete Heart Rhythm Data at a Single Workstation</i> , GE Medical Systems – Company News-News Releases, dated May 15, 2003, (2 pgs.). | |
| | A-111 | <i>Invasive – CardioLink Networking – Boosts your productivity</i> , GE Medical Systems, Europe, Middle East & Africa, printed from website www.gemedicalsystemseurope.com/euen/cardiology/invasive/electro_la... on 1/27/2004, (2 pgs.). | |
| | A-112 | <i>Navigation and Visualization, InstaTrak™ - Cranial Multi-application electromagnetic surgical navigation system for ENT, Cranial and Spine procedures</i> , GE Medical Systems, printed from website www.gemedicalsystemseurope.com/euen/rad/nav/instatrak_cranial_ho on 1/27/2004, (2 pgs.). | |
| | A-113 | <i>Invasive, Increase Efficiency in the Cardiac Cath Lab</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/cardiology/invasive/cardiac_cath_lab/comb on 1/12/2004, (1 pg.). | |
| | A-114 | <i>Invasive – CardioLab – 5.1, Bringing added functionality to the world class CardioLab EP System</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/cardiology/invasive/electro_lab... on 1/12/2004, (2 pgs.). | |
| | A-115 | <i>Computed Tomography, Advanced Clinical Applications</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/msctappl.html on 1/28/2004, (2 pgs.). | |
| | A-116 | <i>Computed Tomography, Advanced CT Applications – Navigator</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/navigator.html on 1/28/2004, (1 pg.). | |
| | A-117 | <i>Computed Tomography, Advanced CT Applications – Direct3D</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/direct3d.html on 1/28/2004, (1 pg.). | |
| | A-118 | <i>Computed Tomography, Advanced CT Applications – Volume Rendering</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/vr.html on 1/28/2004, (2 pgs.). | |

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| EC | A-119 | Computed Tomography, <i>Advanced CT Applications – Advantage Sim</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim_benefits.html on 1/28/2004, (1 pg.). | | |
| | A-120 | Computed Tomography, <i>Advanced CT Applications – Advantage Sim (Simulation Tools)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim_sim.html on 1/28/2004, (1 pg.). | | |
| | A-121 | Computed Tomography, <i>Advanced CT Applications – Advantage Sim (Advanced CT Simulation)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim.html on 1/28/2004, (2 pgs.). | | |
| | A-122 | Computed Tomography, <i>GE Medical Systems is proud to offer Mindways QCT PRO 3D Volumetric Spine & Hip BMD – B7501MW – Accurate & Reproducible</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/bmd/index.html on 1/28/2004, (1 pg.). | | |
| | A-123 | Computed Tomography, <i>Snapshot cardiac imaging provides the most flexible and widest range of clinical acquisition and reconstruction options available today. Snapshot enables cardiac imaging over a wide range of patients (from 40 to 110 bpm)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/snapshot/index.html on 1/28/2004, (1 pg.). | | |
| | A-124 | Computed Tomography, <i>SmartScore – Coronary Artery Calcification Scoring</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/smart_score/index.html on 1/28/2004, (2 pgs.). | | |
| | A-125 | <i>SmartScore, Coronary Artery Calcification Scoring</i> , GE Medical Systems, copyright date: 2000, (6 pgs.). | | |
| | A-126 | Computed Tomography, <i>CardIQ Function – Cardiac Functional Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/cardi_q_func/index.html on 1/28/2004, (2 pgs.). | | |
| | A-127 | Computed Tomography, <i>CardIQ Analysis – CV Image Post-Processing & Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/cardi_q/index.html on 1/28/2004, (2 pgs.). | | |
| | A-128 | Computed Tomography, <i>Advanced Vessel Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/ava/ct_ava_home.html on 1/28/2004, (2 pgs.). | | |
| | A-129 | <i>Advanced Vessel Analysis – Image Analysis Software</i> , GE Medical Systems, copyright date: 2000, (4 pgs.). | | |

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| | | | | Filing Date | 4/2/04 |
| Date Submitted: April 2, 2004 | | | | First Named Inventor | Neason |
| | | | | Group Art Unit | To be Determined |
| (use as many sheets as necessary) | | | | Examiner Name | To be Determined |
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| EW | A-130 | B770OSS Advanced Vessel Analysis, -GE Medical Systems, date undetermined, (2 pgs.). | | |
| | A-131 | Advanced Vessel Analysis, Clinical Case Study, Application in Pre-stent Graft Evaluation and Post-stent Graft Imaging, GE Medical Systems, copyright date: 2000, (8 pgs.). | | |
| | A-132 | Advantage Workstation - Multi-Modality Software Applications:, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_multisoft.html on 1/28/2004, (3 pgs.). | | |
| | A-133 | Advantage Workstation - CT Software Applications:, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_ctsoft.html on 1/28/2004, (4 pgs.). | | |
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| | A-135 | Advantage Workstation - Vascular Software Applications:, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_vascsoft.html on 1/28/2004, (2 pgs.). | | |
| | A-136 | Functional Imaging - POWERstation™ General Software, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/clinical_img/general.html on 1/28/2004, (1 pg.). | | |
| | A-137 | Functional Imaging - QuickSPECT™ Reconstruction, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/qspectrecon.h... on 1/28/2004, (2 pgs.). | | |
| | A-138 | Functional Imaging - QuickSPECT™ - ReadMaster Display, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/qspectdisplay... on 1/28/2004, (2 pgs.). | | |
| | A-139 | Functional Imaging - VCR™, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/vcrrecon.html on 1/28/2004, (2 pgs.). | | |
| | A-140 | Functional Imaging - 3D Rendering, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/3d.html on 1/28/2004, (2 pgs.). | | |
| | A-141 | Functional Imaging - General Display, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/general_displa... on 1/28/2004, (2 pgs.). | | |
| | A-142 | Functional Imaging - PC Graphics, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/pc.html on 1/28/2004, (2 pgs.). | | |

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| | | | | Filing Date | 4/2/04 |
| | | | | First Named Inventor | Neason |
| | | | | Group Art Unit | To be Determined |
| | | | | Examiner Name | To be Determined |
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| EW | A-143 | Functional Imaging – <i>SPECT Triangulating Display</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/spect1.html on 1/28/2004, (2 pgs.). | | |
| | A-144 | Functional Imaging – <i>Color Scales</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/color.html on 1/28/2004, (2 pgs.). | | |
| | A-145 | Functional Imaging – <i>Image Processing</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/clinical_img/image_processing on 1/28/2004, (2 pgs.). | | |
| | A-146 | <i>Prucka CardioLab/Mac-Lab 7000 CardioLink Operator's Manual</i> , GE Medical Systems, Revision C, marked as July 2, 2001, (24 pgs.). | | |
| | A-147 | Realtime Position Management™, <i>Integrating Advanced Mapping, Navigation and EP Recording</i> , Boston Scientific, copyright date: 2003, Boston Scientific Corporation, (3 pgs.). | | |
| | A-148 | <i>Advanced Mapping</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (2 pgs.). | | |
| | A-149 | <i>Diagnostic EP Study</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (2 pgs.). | | |
| | A-150 | <i>Pericardiocentesis</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (1 pg.). | | |
| | A-151 | <i>RF Ablation</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (2 pgs.). | | |
| | A-152 | <i>RPM Realtime Position Management™ System</i> , Boston Scientific, printed from website www.bostonscientific.com/med_specialty/deviceDetail.jhtml?task=tskBa... on 1/12/2004, (2 pgs.). | | |
| | A-153 | <i>RPM Realtime Position Management™ System</i> , (Instructions for use) Electrophysiology, Boston Scientific, printed from website www.bostonscientific.com/common_templates/singleDetailList.jhtml?tas on 1/12/2004, (2 pgs.). | | |

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: April 2, 2004

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| Filing Date | 4/2/04 |
| First Named Inventor | Neason |
| Group Art Unit | To be Determined |
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| | | Group Art Unit | To be Determined |
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| EW | A-167 | University of Chicago and Heartlab Forge Clinical Cooperation Agreement for Encompass System Enhancements, Heartlab, dated August 21, 2001, (2 pgs.). | |
| | A-168 | Actuality Systems – Photographs, Actuality Systems, copyright date: 2001, printed from website www.actuality-systems.com/photographs.php3 on 11/25/2003, (3 pgs.). | |
| | A-169 | Welcome to SeeReal Technologies GmbH, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/default.en.htm on 2/17/2004, (1 pg.). | |
| | A-170 | Autostereoscopic 3D Display in Laparoscopic Surgery, University of Cambridge, Cambridge, United Kingdom, presented at CAR '95, Berlin, 21-24 June, 1995, printed from website www.cl.cam.ac.uk/users/nad/car95_paper.html on 2/16/2004, (1 pg.). | |
| | A-171 | SeeReal 3D Displays – "C" Display, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/EN/products.en.htm on 2/16/2004, (1 pg.). | |
| | A-172 | SeeReal Technologies – Areas of Use, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/EN/use.en.htm on 2/16/2004, (1 pg.). | |
| | A-173 | K. Radermacher, C.V. Pichler, S. Fischer, G. Rau, 3D-Visualisation in Surgery, Helmholtz-Institute for Biomedical Engineering, Aachen University of Technology, Aachen, 1998, (6 pgs.). | |
| | A-174 | Siemens and X3D unveil the first Extreme 3D Display for medical application, Virtual Medical Worlds Monthly, dated Oct. 22, 2003, printed from website www.hoise.com/vmw/03/articles/vmw?LV-VM-11-03-27.html on 2/16/2004, (2 pgs.). | |
| | A-175 | Siemens unveils the first Extreme 3D Display for medical application, Siemens AG, dated Oct. 22, 2003, printed from website http://siemens.com/index.jsp?sdc_p=d1047890po1105117fcls4mn1031561u&... on 2/16/2004, (2 pgs.). | |
| | A-176 | Gregg Favalora and Cameron Lewis, Spatial 3D: The End of Flat-Screen Thinking, Actuality Systems, Inc., July, 2003, (9 pgs.). | |
| | A-177 | CALYSTO™ for Cardiology – Overview, WITT Biomedical, printed from website http://www.wittbiomedical.com/products.dfm?secID=1 on 3/31/2004, (2 pgs.). | |

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